



# Site Investigation

## Former Kil-Tone Company Site

### Vineland, New Jersey

Community Update

January 2015

#### SAMPLING DATES

EPA will be in your community collecting soil samples to determine if operations conducted on the former Kil-Tone Company Site have contaminated the soil on neighboring residential properties.

Residential soil sampling will begin in late January 2015.

#### ARSENIC BASED PESTICIDES

Lead arsenate based pesticides were very popular and effective for use in agriculture in the early 1900s. Pesticide residues bind tightly to the surface soil layer, where they have remained for decades. Both lead and arsenic can be toxic at high concentrations in soils.

Arsenic can cause a variety of health effects depending upon the level of exposure and the exposure route. For exposure to arsenic in surface soils the primary concerns are for ingestion and inhalation. Arsenic ingestion can cause stomach and intestinal irritation, anemia, and a number of skin problems. Inhalation of arsenic contaminated dust can cause respiratory irritation, nausea, and skin effects.

**If you would like additional information, please contact:**

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#### INTRODUCTION

The Environmental Protection Agency (EPA) is investigating potential soil contamination associated with the Former Kil-Tone Company Site (Site) located in Vineland, New Jersey.

#### SITE INVESTIGATION

Soil sampling conducted by the New Jersey Department of Environmental Protection (NJDEP) in August 2014, determined that arsenic and/or lead contaminated soils may be present at homes located near the Former Kil-Tone Company property.

The Kil-Tone Company manufactured arsenic based pesticides from the late 1910s to the late 1930s. Specific compounds manufactured by the company included lead arsenate and copper lime calcium arsenate dust.

EPA will be collecting soil samples from the properties located near the Site property. Soil samples will be analyzed for metals, specifically arsenic and lead, to determine if the former operations at the Former Kil-Tone Company Site have contaminated the soil at the surrounding residential properties. The soil sampling event will begin late January.

EPA encourages all property owners who own homes within the immediate vicinity of the Former Kil-Tone Company Site to provide EPA access and participate in the sampling event.

#### SITE HISTORY

The Kil-Tone Company operated from the late 1910s to the late 1930s on the property now occupied by Urban Sign & Crane, Inc. located at 527 East Chestnut Avenue. The Kil-Tone Company manufactured arsenic based pesticides that sold under trade names such as London Purple and Paris Green. These were common pesticides used to control mosquitos and pests in the early 1900s.

**EPA Regional Public Liaison:**

EPA Region 2 has designated a public liaison as a point-of-contact for community concerns and questions about the federal Superfund program in New York, New Jersey, Puerto Rico, and the U.S. Virgin Islands. To support this effort, the Agency has established a 24-hour, toll-free number that the public can call to request information, express concerns, or register complaints about Superfund. The public liaison for EPA's Region 2 office is:

George Zachos

(732) 321-6621

[zachos.george@epa.gov](mailto:zachos.george@epa.gov)

Or toll free at (888) 283-7626

Visit EPA's Web Sites at:

[www.epa.gov/region2/superfund/removal](http://www.epa.gov/region2/superfund/removal)

**EPA'S REMOVAL PROGRAM**

EPA conducts investigations and cleanup actions at properties where oil or hazardous chemicals have been released into the environment or when there is a threat of a release.

The cleanup process begins with discovery of a Site or notification to EPA of a possible release of a hazardous substance to the environment. Sites are discovered by various parties, including citizens, State agencies, and EPA Regional offices. Once these sites are discovered, EPA will evaluate the potential for a release of hazardous substances from the site. This evaluation is done through collecting environmental samples and searching through historical documents.

If EPA determines that a release is imminent or that a release has occurred, steps will be taken to determine and implement the appropriate response to secure the release and to mitigate the threats posed by the release of hazardous substances into the environment.